METHOD FOR EXPEDIENT SYNTHESIS OF [^{18}F]-LABELED α-TRIFLUOROMETHYL KETONES

ABSTRACT

The present invention is directed to a convenient method of synthesizing radiolabeled α-trifluoromethyl ketones by a fluorination reaction. The present invention also relates to imaging agents and markers for identifying cell proliferation, or viral infection. The markers and imaging agents including the radiolabeled α-trifluoromethyl ketones that are prepared by the present method.